

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	201	703/15.ccor.	US-PGPUB; USPAT	OR	ON	2006/10/13 16:20
S2	641	703/14.ccor.	US-PGPUB; USPAT	OR	ON	2006/10/13 13:02
S3	397	703/13.ccor.	US-PGPUB; USPAT	OR	ON	2006/10/13 13:02
S4	103	703/18.ccor.	US-PGPUB; USPAT	OR	ON	2006/10/13 13:03
S5	128	local adj clock adj buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:28
S6	334168	power near3 consumption	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:28
S7	61	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:29
S8	26	S7 and capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 14:30
S9	5707	hardware adj descript\$3 adj language	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:35
S10	2	(S9 hdl) and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:36
S11	3615	energy near3 model	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:37
S12	5	S5 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:38
S13	209	S6 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:39
S14	72	S13 and capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:40
S15	43	S14 and clock	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/13 15:43

EAST Search History

S16	21	S15 and buffer	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/13 15:44
S17	18	S16 and @ad<="20040116"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/13 15:45
S18	8	("5655109" "5696694" "5805459" "5838579" "5903476" "5949689" "6075932" "6195630").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 15:46
S19	21	("6345379").URPN.	USPAT	OR	ON	2006/10/13 15:47
S20	9	("5508937" "5740067" "5764525" "6272667" "6272668" "6286128" "6336205" "6425110" "6440780").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/13 16:55
S21	1	("6922818").URPN.	USPAT	OR	ON	2006/10/13 16:55

		Results
7.	((pub-date > 1959 and pub-date < 2005 and FULL-TEXT(energy model)) and power consumption) and clock [All Sources(- All Sciences -)]	4
6.	((pub-date > 1959 and pub-date < 2005 and FULL-TEXT(energy model)) and power consumption) and capacitance [All Sources(- All Sciences -)]	4
5.	(pub-date > 1959 and pub-date < 2005 and FULL-TEXT(energy model)) and power consumption [All Sources(- All Sciences -)]	45
4.	pub-date > 1959 and pub-date < 2005 and FULL-TEXT(energy model) [All Sources(- All Sciences -)]	7046
3.	pub-date > 1959 and pub-date < 2005 and FULL-TEXT(local clock buffer) [All Sources(- All Sciences -)]	0
2.	(pub-date > 1959 and pub-date < 2005 and FULL-TEXT(power consumption) and FULL-TEXT(clock buffer)) and capacitance [All Sources(- All Sciences -)]	6
1.	pub-date > 1959 and pub-date < 2005 and FULL-TEXT(power consumption) and FULL-TEXT(clock buffer) [All Sources(- All Sciences -)]	10

Copyright © 2006 Elsevier B.V. All rights reserved.

ScienceDirect® is a registered trademark of Elsevier B.V.


 [Search Session History](#)
[BROWSE](#)[SEARCH](#)[IEEE XPLORER GUIDE](#)[SUPPORT](#)

Fri, 13 Oct 2006, 6:45:12 PM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

		Results
<u>#1</u>	((clock buffer) <and> (pyr >= 1951 <and> pyr <= 2004))	797
<u>#2</u>	((clock buffer<and>power consumption)) <and> (pyr >= 1951 <and> pyr <= 2004)	302
<u>#3</u>	((clock buffer<and>power consumption)<and>capacitance) <and> (pyr >= 1951 <and> pyr <= 2004)	200
<u>#4</u>	((clock buffer<and>power consumption) <and>capacitance<and>(energy model)) <and> (pyr >= 1951 <and> pyr <= 2004)	2
<u>#5</u>	((clock buffer<and>power consumption) <and>capacitance<and>energy<and>model) <and> (pyr >= 1951 <and> pyr <= 2004)	50
<u>#6</u>	((local clock buffer<and>power consumption) <and>capacitance<and>energy<and>model) <and> (pyr >= 1951 <and> pyr <= 2004)	7

[Give feedback on RSS feeds for document recommendations in CiteSeer.](#)



Find:

Searching for **clock buffer and power consumption and capacitance**.

Restrict to: [Header](#) [Title](#) Order by: [Expected citations](#) [Hubs](#) [Usage](#) [Date](#) Try: [Google \(CiteSeer\)](#) [Google \(Web\)](#)
[Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

3 documents found. Order: **number of citations**.

[Comparative Analysis of Master-Slave Latches and..](#) - Stojanovic, Oklobdzija (1999) (Correct) (15 citations)
portion of the power dissipated in the local **clock buffer** driving the clock input of the latch local
reveals the sources of performance and **power-consumption** bottlenecks in different design styles.
of node (for railto -rail swing)total **capacitance** of node clock frequency rail-to-rail
www.stanford.edu/class/ee371/handouts/stojanovic99.pdf

[Single-Chip Cmos Optical Microspectrometer](#) - Correia De Graaf (2000) (Correct) (1 citation)
Bus lines line driver line receiver Clock **clock buffer** Manchester Decoder Address Register
a microcontroller or a personal computer. **Power consumption** is 1200 W for a clock frequency of 1 MHz.
the charge across the integrating junction **capacitance**, thereby modulating the output frequency [8]
www.dei.uminho.pt/pessoas/higino/pampus/1trans99.pdf

[Figure 24.5.7: The measured sensitivity of VCO frequency to ...](#) - Figure Measured And (Correct)
2003 IEEE Figure 24.5.5: PLL and **clock buffer** die photograph.
simplicity and drive capability with low **power consumption**. However, CMOS inverters have poor supply
delay overhead are 30% and 18% due to parasitic **capacitance**. The area overhead is 50%Acknowledgements
www.ee.ucla.edu/faculty/bios/..../papers/yang_isscc03.pdf

Try your query at: [Google \(CiteSeer\)](#) [Google \(Web\)](#) [Yahoo!](#) [MSN](#) [CSB](#) [DBLP](#)

CiteSeer.IST - Copyright [Penn State](#) and [NEC](#)